12/2005 19:15	FAX 617 951 7	050	ROPES G	RAY		Ø 002/0
, mms 51	o .					
6 1 2 2005 6		PART R.	. FER(S) TE	RANSMITTAL		
					FEE	
PRADEMANTA	his form, together wit	в аррисавіе іес		Commissioner fo P.O. Box 1450 Alexandria, Virg	r Patents	
	1 13 1 3 6	to recine	or Fax		ired) Blocks I through 5 s	nould be completed whe
STRUCTIONS: This for propriate. All further cor- licated unless corrected to intenance fee notification	rm should be used for trans- respondence including the I below or directed otherwise is.	ratent, advance order in Block 1, by (a)	ers and notificates specifying a ne		ired). Blocks 1 through 5 s rill be mailed to the current and/or (b) indicating a sepa	
CURRENT CORRESPONDENC	E ADDRESS (Note: Use Block 1 for	my change of address)		Note: A certificate of Fee(s) Transmittal. Th papers. Each additions	mailing can only be used for is certificate cannot be used a al paper, such as an assignment of mailing or transmission.	or domestic mailings of t for any other accompanyi ent or formal drawing, m
20120	590 05/17/2005			•		
FISH & NEAVE ROPES & GRAY				I hereby certify that the	rtificate of Mailing or Trans is Fee(s) Transmittal is bein	g deposited with the Unit
ONE INTERNATI	ONAL PLACE			States Postal Service v addressed to the Mai	its Fee(s) Transmittal is being with sufficient postage for fir 1 Stop ISSUE FEE address TO (703) 746-4000, on the control of the sufficient postage for fir 1 stop ISSUE FEE address TO (703) 746-4000, on the control of the sufficient for the	above, or being facsim
BOSTON, MA 021 HDEHESS2 000000	110-2624 01 181945			//	_	(Depositor's name
י חשבתבססב טטטטטטי	VI 10174J V747170E		Sosan		Larriev	(Signatu
700.00 D	A			August	12, 2005	(Da
	FILING DATE	-	TRST NAMED IN		ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLICATION NO.	FIEING DATE	<u> </u>				0010
19/49 1,98 2			Stephen Shaug	chnossy	MDSP-P02-180	9313-~
19/49 1,98 2 - ILE OF INVENTION: C	OSTEOPOROSIS TREATME					
19/491,982 TLE OF INVENTION: C APPLN. TYPE	STEOPOROSIS TREATME	ISSUE FE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
19/49 1,98 2 TLE OF INVENTION: C	OSTEOPOROSIS TREATME					
19/491,982 TLE OF INVENTION: C APPLN. TYPE nonprovisional	STEOPOROSIS TREATME	ISSUE FE	в ј	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
TLE OF INVENTION: C APPLN, TYPE nonprovisional EXAN	SMALL ENTITY YES	ISSUE FE \$700	в ј	PUBLICATION FEE \$0	TOTAL FEE(S) DUE \$700	DATE DUE 08/17/2005
APPLN. TYPE nonprovisional EXAN MERTZ, PR Change of correspondence R 1.363). Change of correspondence R 1.363'. Change of correspondence R 1.363'. The Address' indicas PTO/SB/17; Rev 03-02	SMALL ENTITY YES MINER EMA MARIA TO address or indication of "F	1SSUE FE \$700 ART UNI 1646 ee Address" (37 Correspondence	2. For printing (1) the names or agents OR, (2) the name registered at 2	FUBLICATION FEE \$0 CLASS-SUBCLASS 424-145100 g on the patent front page, lies of up to 3 registered pate, alternatively, of a single firm (having as orney or agent) and the nan altern attorneys or agents. If	TOTAL FEE(S) DUE \$700 ist Matthew P Int attorneys Fish & Ropes & a member a as of up to 1 Inter	DATE DUE
APPLN. TYPE nonprovisional EXAN MERTZ, PR Change of correspondence R 1.363). Change of correspondence R 1.363. The Address form PTO/SB/1 "Fee Address" indicas PTO/SB/47; Rev 03-02 Number is required.	SMALL ENTITY YES MINER EMA MARIA ce address or indication of "F dence address (or Change of 22) attached. attion (or "Fee Address" Indication or more recent) attached. Us	1SSUE FE \$700 ART UNI 1646 ee Address" (37 Correspondence ation form	2. For printing (1) the names or agents OR, (2) the name registered atte 2 registered plisted, no name	PUBLICATION FEE \$0 CLASS-SUBCLASS 424-145100 g on the patent front page, it is of up to 3 registered pate, alternatively, of a single firm (having as orney or agent) and the nanatent attorneys or agents. If no will be printed.	TOTAL FEE(S) DUE \$700 ist Matthew P Int attorneys Fish & Ropes & a member a as of up to 1 Inter	DATE DUE 08/17/2005 . Vincent & Y Neave IP Grou Gray LLP national Plac
APPLN. TYPE nonprovisional EXAM MERTZ, PR Change of correspondence R 1.363). Change of correspondence R 1.363, The Address form PTO/SB/1 Fee Address form PTO/SB/1 MERTZ, PR Change of correspondence R 1.363, ASSIGNEE NAME ANI	SMALL ENTITY YES MINER EMA MARIA The address or indication of "Foundation for	1SSUE FE \$700 ART UNI 1646 ee Address" (37 Correspondence ation form e of a Customer	2. For printing (1) the names or agents OR, (2) the name registered are 2 registered p listed, no nam HE PATENT (p	PUBLICATION FEE \$0 CLASS-SUBCLASS 424-145100 g on the patent front page, it is of up to 3 registered pate, alternatively, of a single firm (having as orney or agent) and the nanatent attorneys or agents. If one will be printed.	TOTAL FEE(S) DUE \$700 ist Matthew P Int attorneys Fish & Ropes & a member a as of up to 1 Inter	DATE DUE 08/17/2005 . Vincent & Y Neave IP Grou Gray LLP national Plac MA 02110

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED O					
PLEASE NOTE: Unless an assignce is identified below, no assign recordation as set forth in 37 CFR 3.11. Completion of this form is h	see data will appear on the patent. If an assignee is identified below, the document has been filed for NOT a substitute for filing an assignment.				
(A) NAME OF ASSIGNEE	(B) RESIDENCE: (CITY and STATE OR COUNTRY)				
Please check the appropriate assignee category or categories (will not be	printed on the patent): 🔲 Individual 🔲 Corporation or other private group entity 🚨 Government				
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):				
Issue Fee	A check in the amount of the fee(s) is enclosed.				
Publication Fee (No small entity discount permitted)	Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies	The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 18-1945 (enclose an extra copy of this form).				
5. Change in Entity Status (from status indicated above)					
a. Applicant claims SMALL ENTITY status See 37 CFR 1.27.	b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).				
The second of the second Publisher	lication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. prod from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in the applicant.				
Authorized Signature	Date August 12, 2005				
Typed or printed name Yy Lu	Registration No. 50,306				
an application. Confidentiality is governed by 35 U.S.C. 122 and 37 Cl submitting the completed application form to the USPTO. Time will be supply to the USPTO.	nation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) FR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and rary depending upon the individual case. Any comments on the amount of time you require to complete to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. BR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450.				

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORWIS TO THIS ADDRESS. SEND TO Communication and Send Fees on Complete Processing To This Address. Send To Communication and Send Fees on Complete Processing To This Address. Send To Communication and Sen

PTOL-85 (Rev. 12/04) Approved for use through 04/30/2007.

01

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



PTC/SB/97 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 09/491982

Attorney Docket No.: MDSP-P02-180

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on August 12, 2005

Susan Lanney
Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Part B - Fee Transmittal (1 page)



X TRANSMISSION

DATE:	August 12, 20	05
-------	---------------	----

09/491982 Application Number PTO IDENTIFIER:

Patent Number

Shaughnessy et al. Inventor:

US Patent and Trademark Office MESSAGE TO:

(703) 746-4000 **FAX NUMBER:**

ROPES & GRAY LLP FROM:

Yu Lu, Ph.D.

(617) 951-7268 PHONE:

MDSP-P02-180 Attorney Dkt. #:

PAGES (Including Cover Sheet):

CONTENTS: [

Part B - Fee Transmittal (1 page) Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (617) 951-7268 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

ROPES & GRAY LLP

One International Place, Boston, Massachusetts 02110-2624 Telephone: (617) 951-7000 Facsimile: (617) 951-7050